

SiSiB® FS9143

Hydrophobic Fumed Silica

INTRODUCTION

SiSiB® FS9143 is hydrophobic fumed silica made by hydrophilic fumed silica with specific surface area of 200 m²/g being treated by HMDS (Hexamethyldisilazane). It's a kind of high purity white colloidal powder.

FEATURES

- Low thickening effect and excellent processability enable high loading in polymers
- Excellent reinforcing properties in silicone rubber especially at high filler loading levels (RTV-1, RTV-2, LSR)
- High transparency
- Free flow aid for powders

TYPICAL PHYSICAL PROPERTIES

CAS No.	68909-20-6
Specific surface area (BET)	120 - 160 m ² /g
pH-Value in 4 % aqueous dispersion	6.0 – 9.0
Loss on drying (2h at 105°C) wt.%	Max. 0.7
Loss on ignition (2h at 1000°C) wt.%	Max. 4.0
Silica content (based on ignited material) wt.%	Min. 99.8
Tamped density (2h at 105°C) g/L	40 – 60
Carbon content (2h at 105°C) wt.%	2.0-4.0

APPLICATIONS

- Silicone Rubber
- Defoamer
- Toner
- Adhesives & Sealants

PACKING AND STORAGE

SiSiB® FS9143 is supplied in multiple layer 10 kg bags.

SiSiB[®] FS9143

Hydrophobic Fumed Silica

20'ft GP container can load 2000kg with 10 pallets; 40'ft HQ container can load 4800kg with 20 pallets.

In the original unopened packaging, SiSiB[®] FS9143 has a shelf life of 24 months under dry conditions.

NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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Please send all technical questions concerning quality and product safety to: support@SiSiB.com.